

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims:

1. (Currently amended) A method of changing an output rate of information for a buffer ~~[[(3)]]~~ from a first constant output rate to a second ~~with a constant first~~ output rate ~~[[(R1)]]~~, where the buffer ~~[[(3)]]~~ receives output data ~~[[(2b)]]~~ from a processing data source ~~[[(2a)]]~~, and the output data ~~[[(2b)]]~~ ~~is added to be stored in~~ said ~~the~~ buffer ~~[[(3)]]~~, ~~characterized in that~~ the method comprising ~~comprises~~ the ~~steps of:~~

[[•]] the processing data source ~~halting the reception of~~ addition of output data ~~from the data source, to the buffer and the halting including discarding an~~ input data ~~by said data source;~~

[[•]] outputting the stored output data of ~~said~~ the buffer at ~~said~~ the first output rate ~~[[(R1)]]~~ until ~~said~~ the buffer is substantially empty;

[[•]] stopping outputting of the ~~content~~ output data of ~~said~~ the buffer;

[[•]] on the condition that the buffer is substantially empty, the processing data source resuming the addition of output data to the buffer, and the buffer resuming storing the ~~of said output data from the data source in said buffer when the buffer is~~ substantially empty;

[[•]] setting a second constant output rate $[(R2)]$ as the output rate of said ~~the~~ buffer; and

[[•]] commencing output of the stored ~~content~~ output data of said ~~the~~ buffer at said ~~the~~ second output rate $[(R2)]$, when the amount of buffered data is substantially equal to the second constant output rate $[(R2)]$ ~~times~~ multiplied by a requested buffer-time $[(TB2)]$.

2. (Currently amended) A method according to claim 1, wherein the processing data source specifies ~~the~~ a second constant output rate $[(R2)]$ and ~~the~~ a requested buffer-time $[(TB2)]$ ~~for said buffer~~.

3. (Currently Amended) A method according to claim 1, wherein the resuming of the addition of said the output data $[(2b)]$ and storing of the output data is initiated when the buffer $[(3)]$ is empty.

4. (Currently amended) A method according to claim 1, wherein the [[•]] processing data source is a software application adapted to receive and process input data $[(1)]$ and ~~outputting of said the~~ output data $[(2b)]$.

5. (Original) A method according to claim 1, wherein the
[[•]] buffer is a hardware buffer.

6. (Canceled).

7. (Currently amended) A method according to claim 1, wherein the
[[•]] output data are MPEG2 compliant elementary streams and the processing
data source is adapted to multiplex the MPEG2 streams into a transport stream.

8. (Currently amended) A computer readable storage medium including a
set of instructions operable by a processor, the instructions ~~operable to~~ comprising:
a receive output data code segment for receiving receive output data from a
processing data source into a buffer having a first constant ~~first~~ output rate [[[R1]]];
an add and store output data code segment for adding and stor[[e]]ing said
the output data in the said buffer;
a change output data code segment for changing the output rate of
information from the buffer from the first constant output rate to a second constant
output rate;
[[•]] a stop output data addition code segment for stopping the addition ~~reception~~
of output data ~~from the~~ by the processing data source to the buffer;

[[•]] a discard output data code segment for discarding of an input data by said the processing data source;

[[•]] an output data code segment for outputting the stored content output data of the said buffer at the said first output rate $[(R1)]$ until the said buffer is substantially empty;

[[•]] a stop output data code segment for stopping outputting of the content output data of the said buffer;

[[•]] a resume output data code segment for resum[[e]]ing addition of receiving and adding/storing output data by the processing from the data source $[(2a)]$ to the buffer, and resuming storing the output data by the buffer when the buffer (3) is substantially empty;

[[•]] a set output data code segment for setting the a second constant output rate $[(R2)]$ as the output rate of the said buffer; and

[[•]] a commence output data code segment for commenc[[e]]ing output of the stored content output data of said buffer at said the second constant output rate $[(R2)]$, when the amount of buffered data is equal to the second constant output rate $[(R2)]$ times a requested buffer time $[(TB2)]$.

9. (Currently amended) A computer readable storage medium according to claim 8, wherein the instructions are further operable to comprise a second constant

output rate specification code segment for specifying the a second constant output rate $[(R2)]$ and the a requested buffer time $[(TB2)]$ for ~~said the~~ buffer.

10. (Currently amended) A computer readable storage medium according to claim 8, wherein the instructions are further operable to comprise a resume specification code segment for resume resuming said the addition of output data $[(2b)]$ by the processing data source to the buffer, and resume storing the output data by the buffer when the buffer $[(3)]$ is empty.

11. (Canceled).